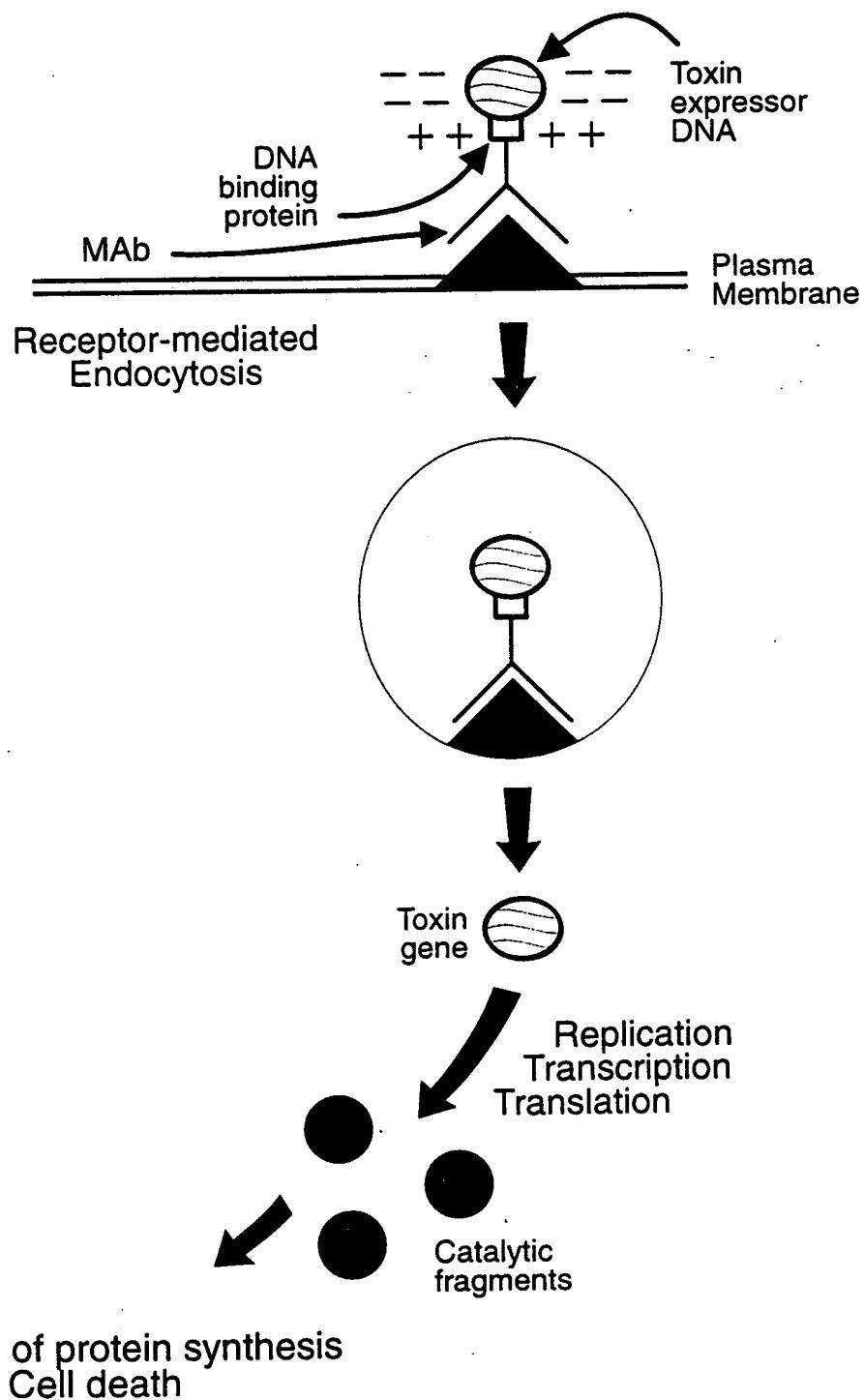


08 199070

Gene Therapy Form of Immunotoxins



Inhibition of protein synthesis
Cell death

FIGURE 1

199070

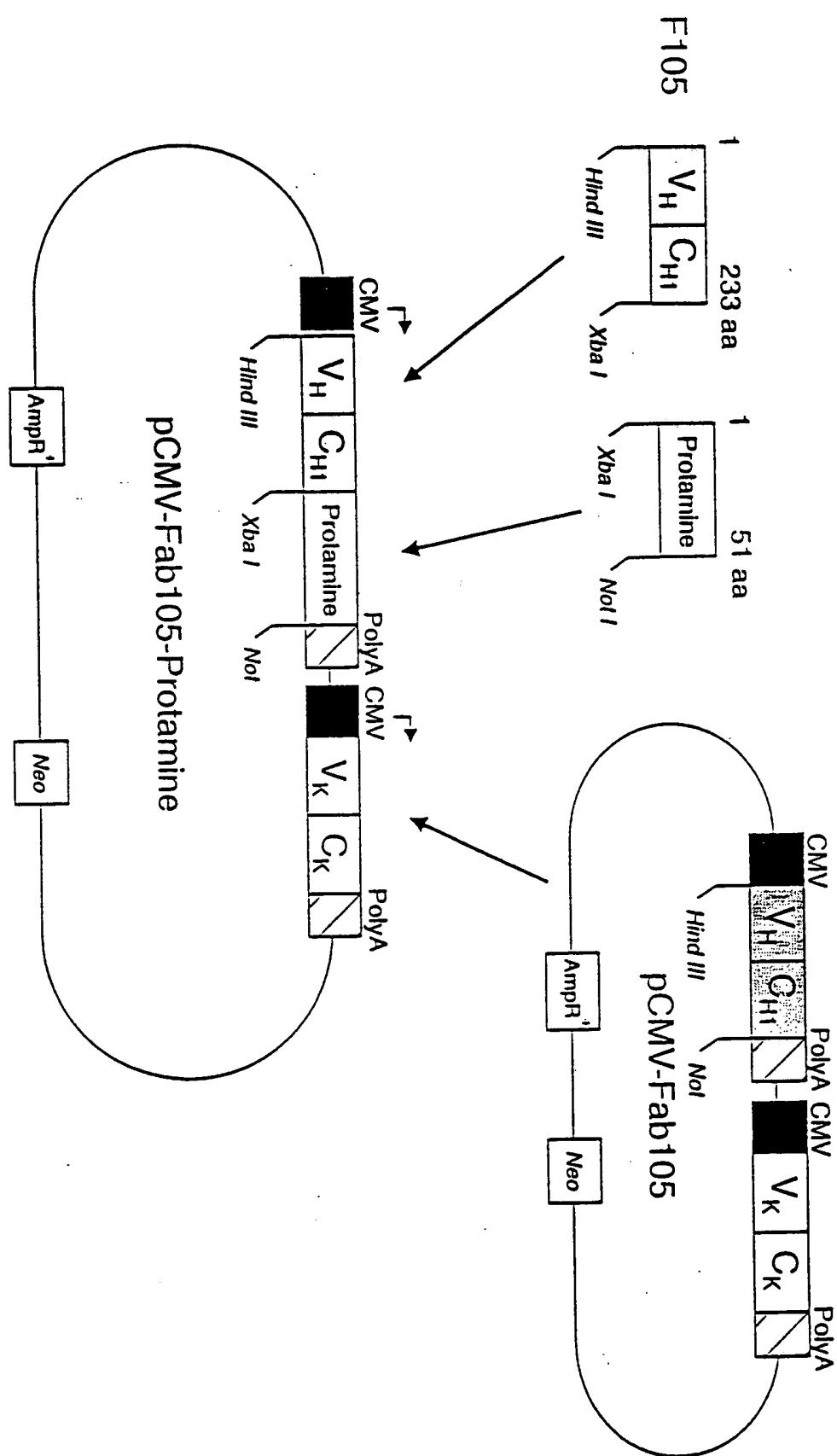


FIGURE 2

08 199070

1 2 3 4 5

FIGURE 3

08 199070

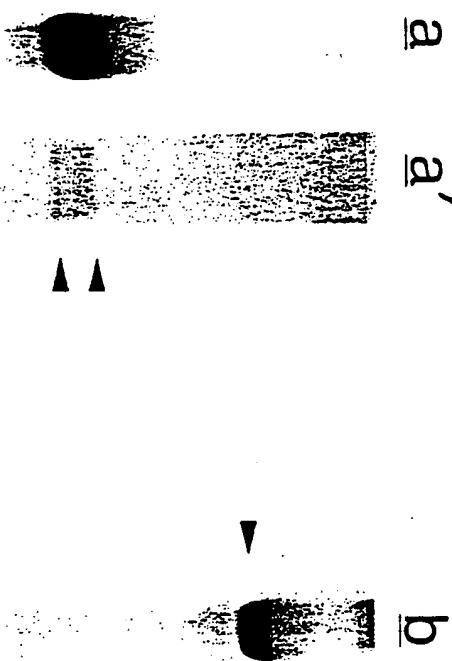


FIGURE 4

08 1990/70

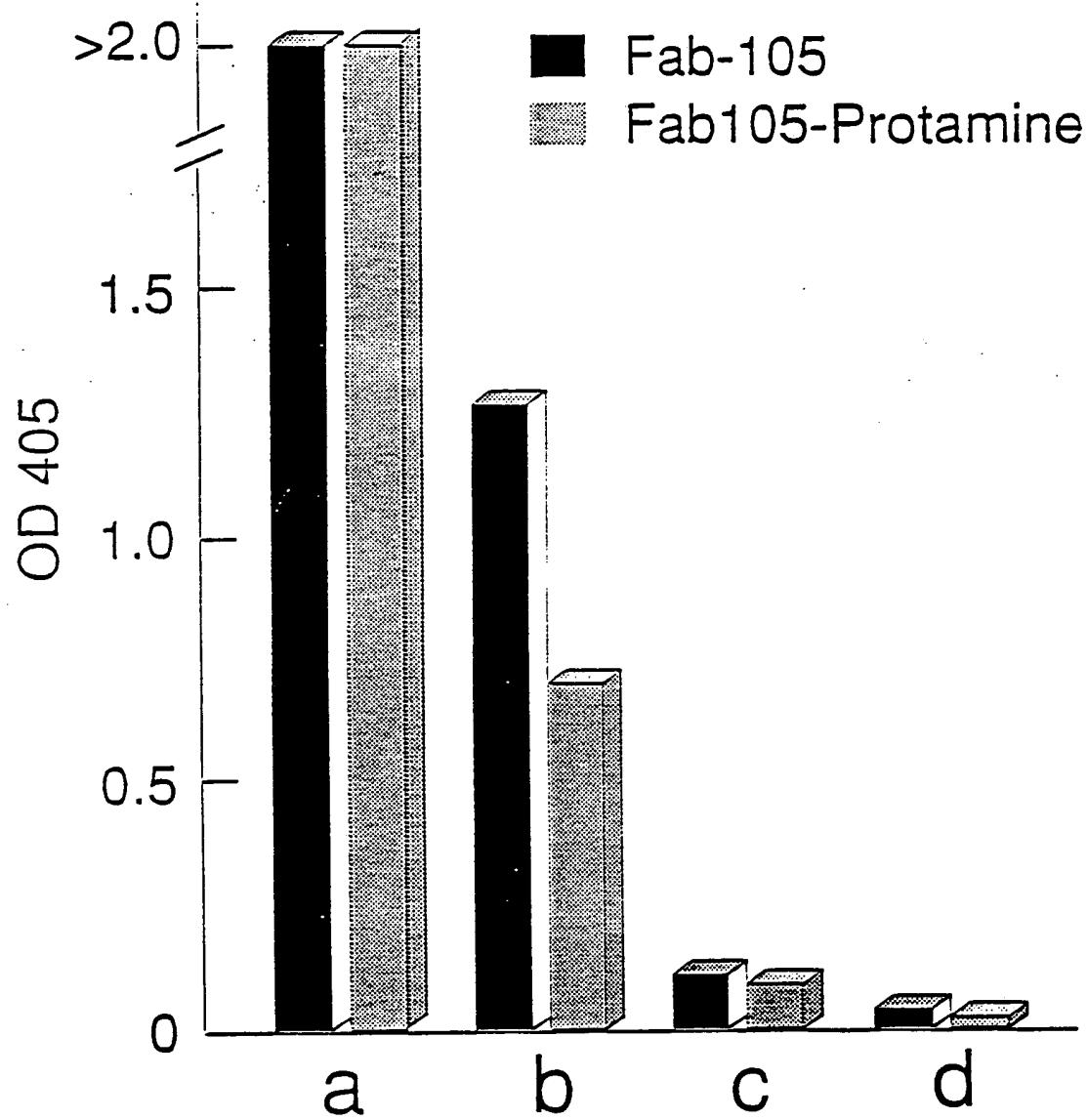


FIGURE 5

08 199070

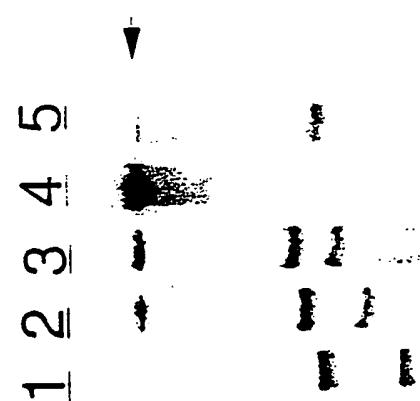
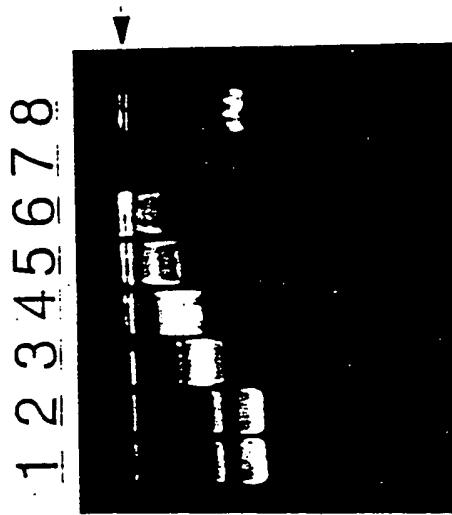


FIGURE 6

FIGURE 7

08 199070

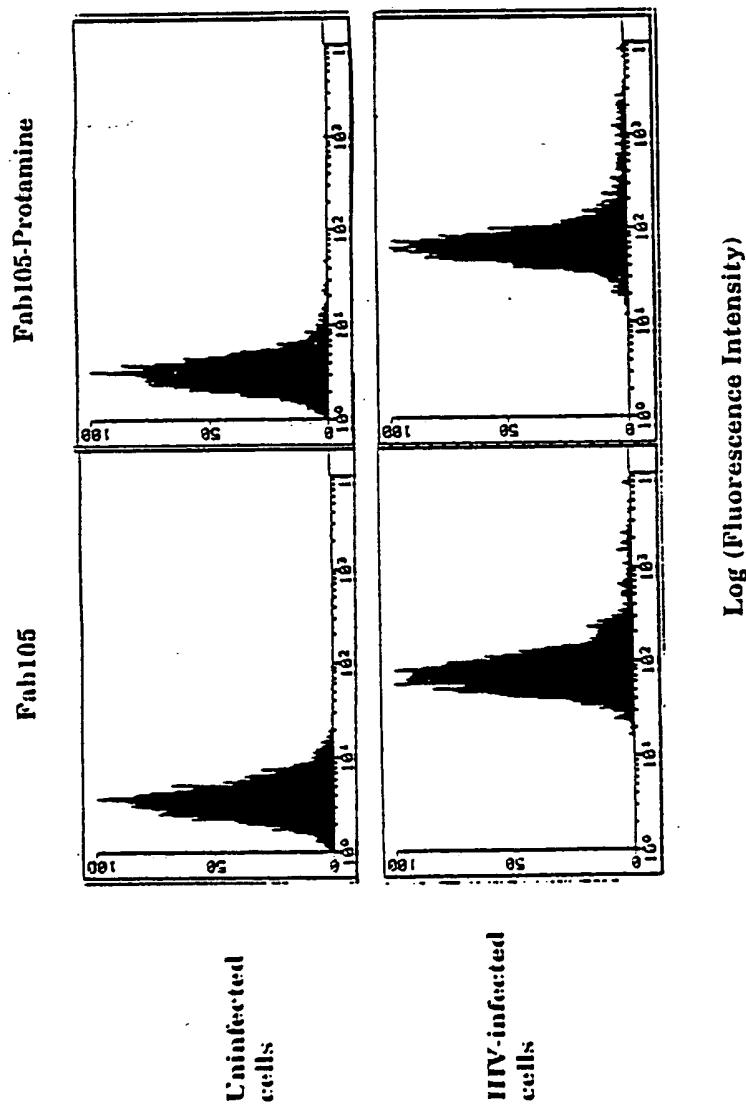


FIGURE 8

08 199070

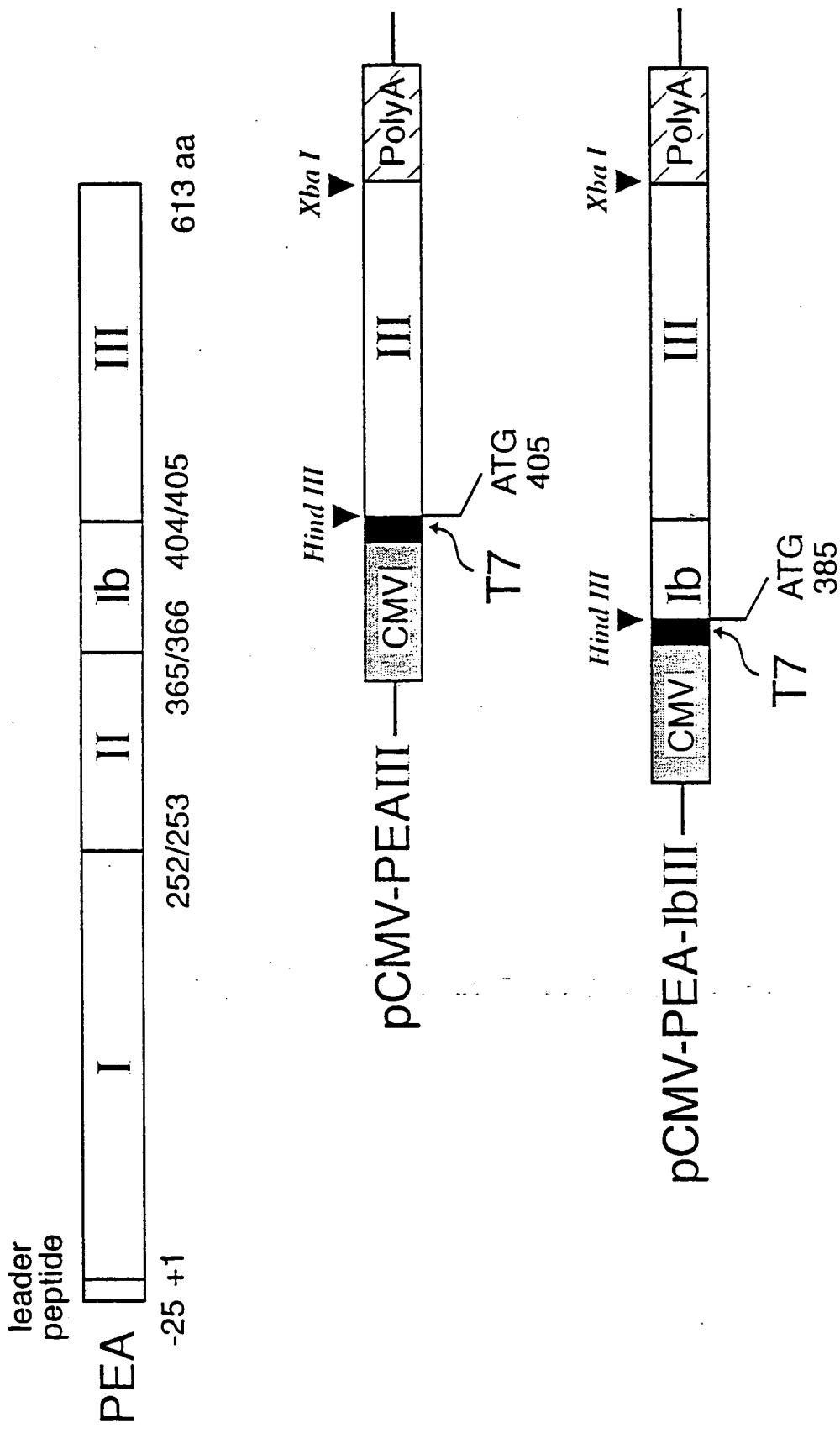


FIGURE 9

08 1990/70

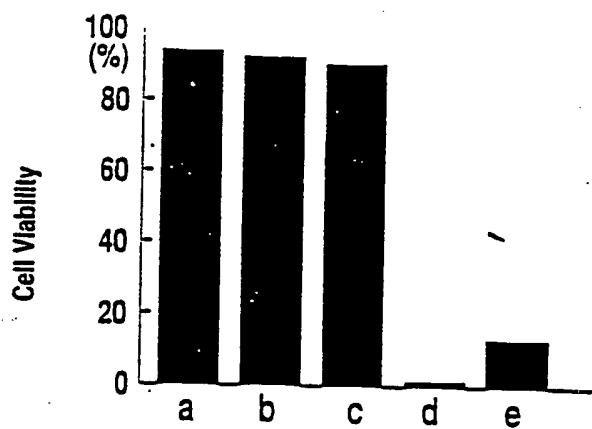


FIGURE 10

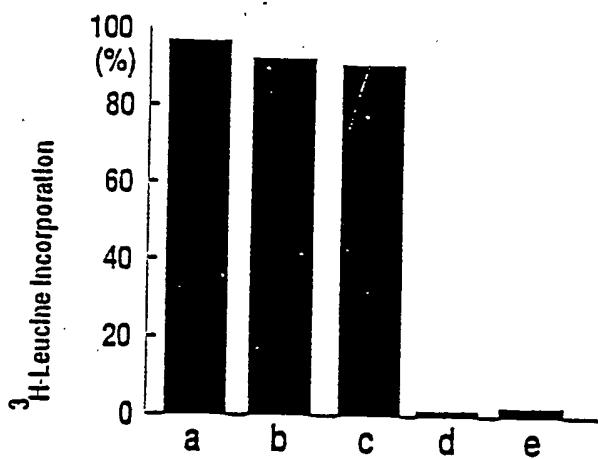


FIGURE 11

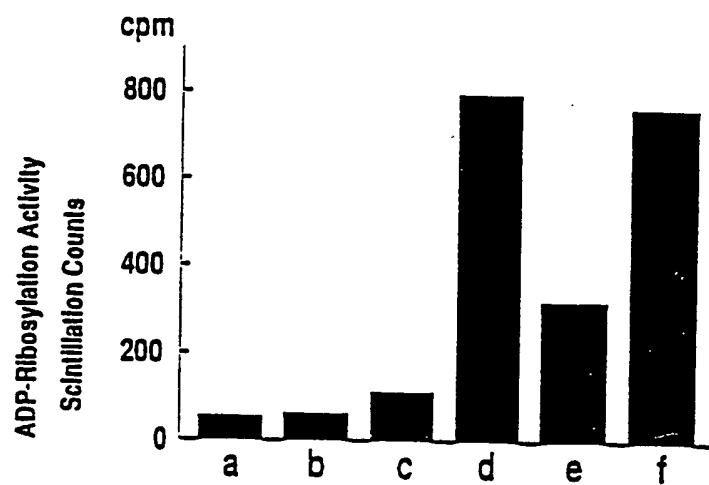


FIGURE 12

Basic region	Leucine zipper
GCN4-bZIP1: PESSDPAALKRARNTAARRSRARKLQRMKQ	LEDKVEE ₁₁ LSKNYH ₁₂ ENEVAR ₁₃ KKLVGER
GCN4-br1: PESSDPAALKRARNTAARRSRARKLQRMKQ	GGC-NH ₂

FIGRUE 13

Human <i>FMR1</i> (1)	222	Q F I V R E D L M G	L A I G T H G A N I	Q G A E K V P G V T
Human <i>FMR1</i> (2)	285	V I N Q V P R N E V S	K V I G K N G K L I	Q E I V D K S G V V
Yeast <i>HX</i> (3)	228	V I N V P A E H V P	R I I G R N G D N I	N D I R A E Y G V E
<i>E. coli RP S3</i>	64	R V T I H T A R P G	I V I G K G K E D V	E K L R K V V V A D I
Yeast <i>MER1</i>	181	E V K N K T Q I T	F L I G A K G T R I	E S L R E K S G A S
<i>E. coli PNP</i>	557	T K I K N P D K H K	D V I G R G G S V I	R A I T E E T G T
Human <i>hnRNP K</i> (1)	46	R I L I Q S K N A G	A V I G R G G K N I	K A L R T D Y N A S
<i>S. acidocaldarius YRP3</i> (1)	25	I U L I N P E S M G	V A I G R N G L N V	R K L E K L I N K S
Chicken <i>VIG</i> (8)	657	E V S I P S K L H N	S L I G A K G R F I	R S I M E E C G G V
<i>M. vannielii YRP7</i> (2)	103	Y V R V H P R L R R	A I I G D K G K N I	D R A V D I A G R L
Human <i>RP S3</i>	47	E I I I L A T R T Q	N V L G E K G R R I	R E P T A V V Q K R
Consensus		- I - I -- f - I -	- V I G K N G F N I	f f L R f -- G --
		V V V	L	D V
		L M I		
				↓
			1304	→ N <i>FMR1</i> missense

FIGURE 14

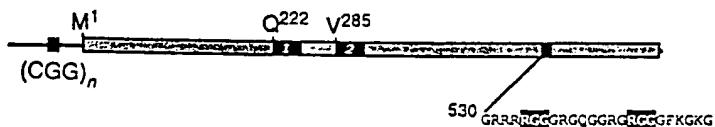


FIGURE 15

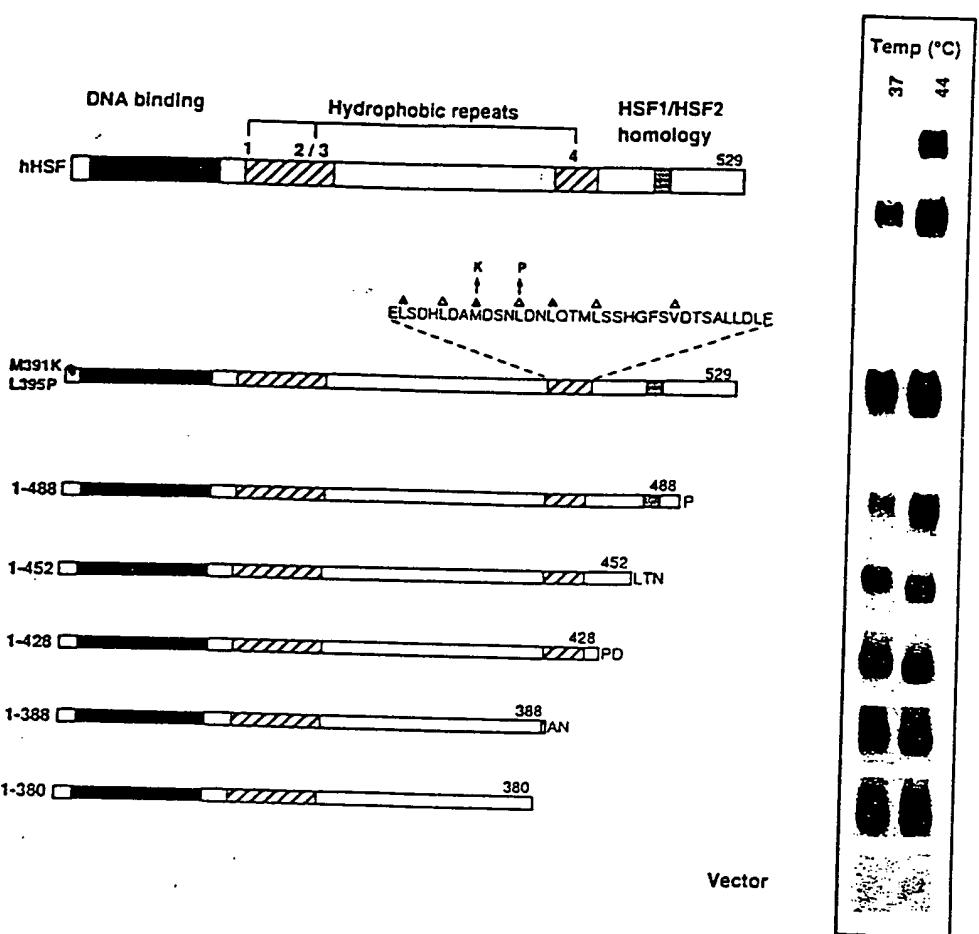


FIGURE 16